

# NAVY AERIAL TARGET PROGRAMS



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PROGRAM MANAGER  
AERIAL TARGET AND  
DECOY PROGRAMS**

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## OUTLINE

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- PROGRAM MISSION
- NAVY AERIAL TARGET PROGRAMS
- PERFORMANCE ENVELOPES
- TARGETS ROADMAP
- TA/AS ROADMAP
- SUMMARY



## PROGRAM MISSION

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**MISSION: THE NAVY AERIAL TARGET AND DECOY  
PROGRAM OFFICE DEVELOPS AND  
PROCURES AERIAL TARGETS AND DECOYS  
TO SUPPORT WEAPON SYSTEM TEST AND  
EVALUATION, FLEET TRAINING AND STRIKE  
OPERATIONS**

REPLICATE AIRCRAFT, ASCM, MID/HI ALTITUDE SUPERSONIC  
MISSILES

FOR

WEAPON SYSTEMS  
DEVELOPMENT

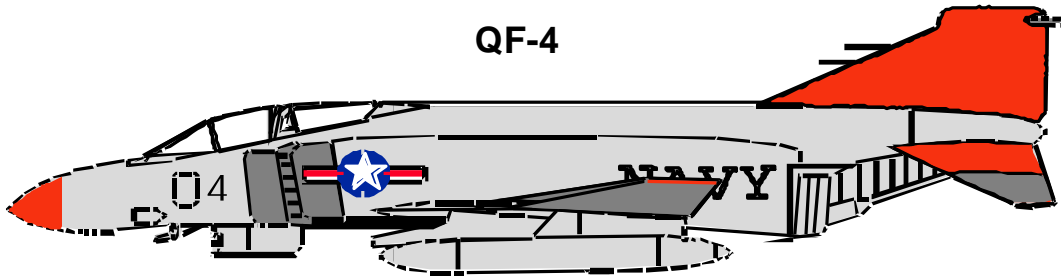
- Developmental Testing
- Operational Testing

FLEET TRAINING

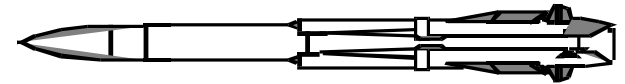
- Air-to-Air
- Surface-to-Air

# AERIAL TARGETS

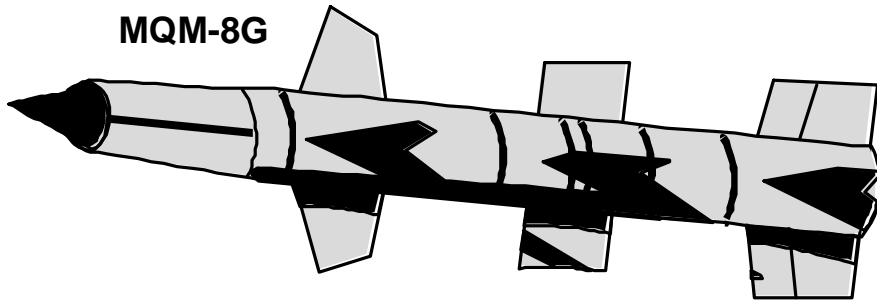
QF-4



MA-31



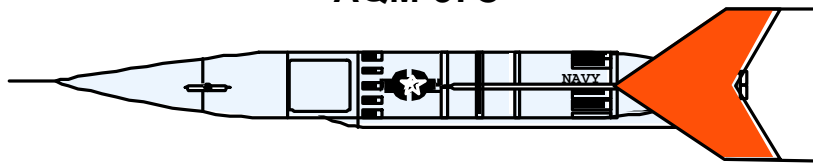
MQM-8G



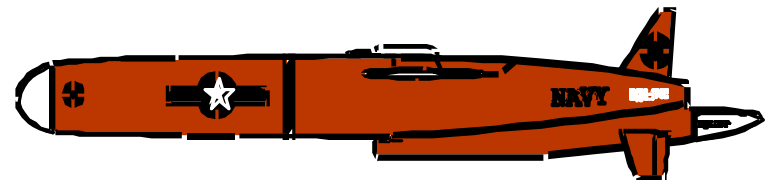
BQM-34S



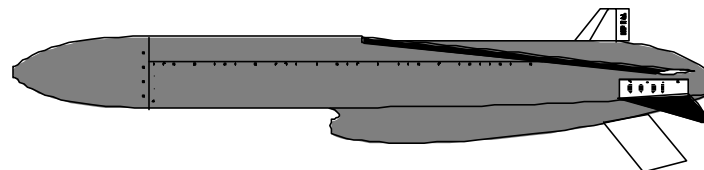
AQM-37C



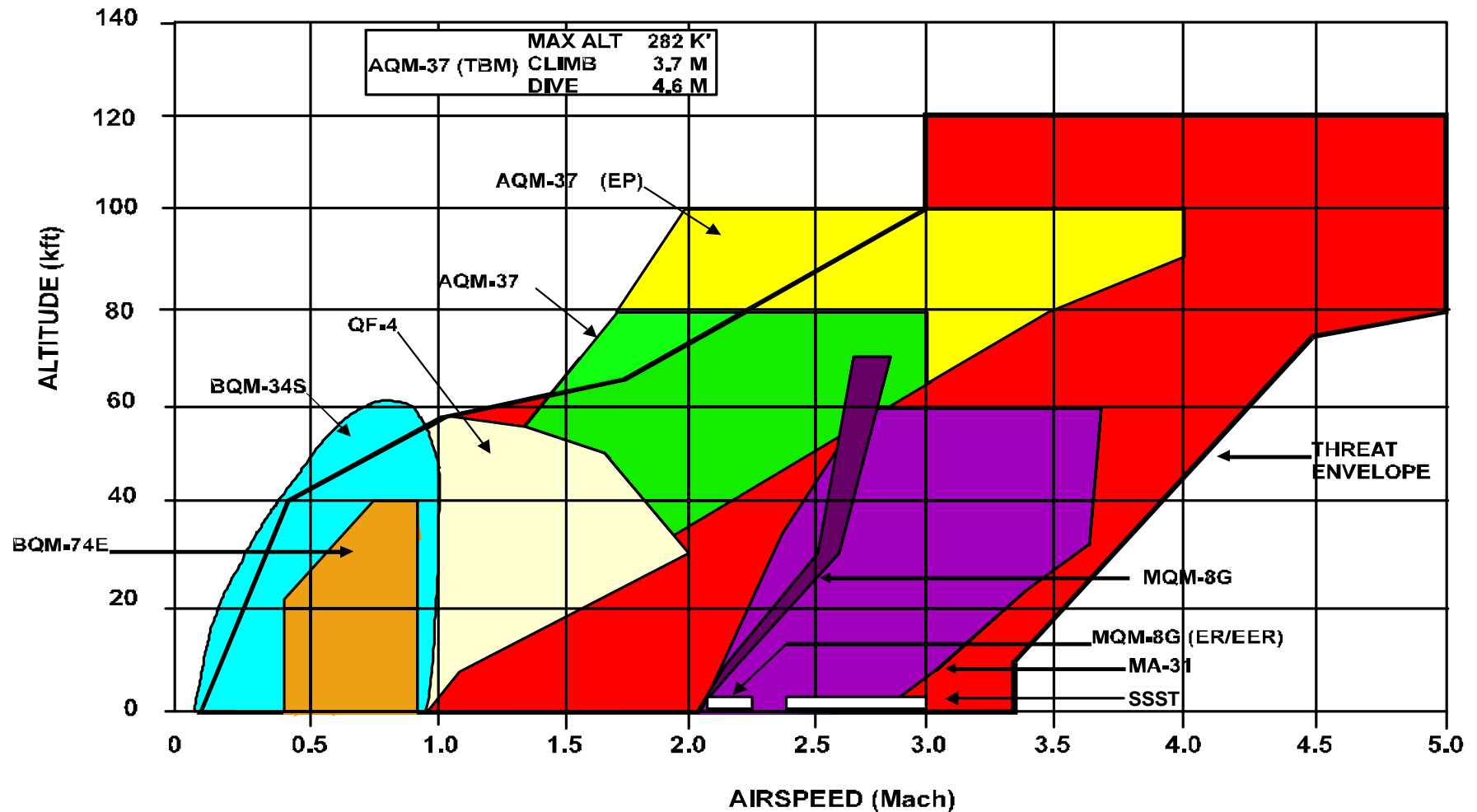
BQM-74E



ITALD



# Navy Aerial Targets Performance Envelope





# NAVY AERIAL TARGETS & SUPPORT SYSTEMS

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- **FULL SCALE**
  - QF-4N/S
- **SUB-SCALE SUBSONIC AERIAL TARGETS**
  - BQM-34S
  - BQM-74E
  - *BQM Follow - on*
  - *T21*
- **MISSILE (SUPERSONIC) TARGETS**
  - AQM-37
  - MQM-8G(ER) / (EER)
  - MA-31
  - *SSST "Threat C"*
- **TARGET AUXILIARY / AUGMENTATION SYSTEMS**
  - ON-BOARD SCORING, ECM, EMITTER DEVICES,  
COMMAND / CONTROL, NAVIGATION, LOCATORS



## NAVY AERIAL TARGETS NEAR TERM ACQUISITIONS

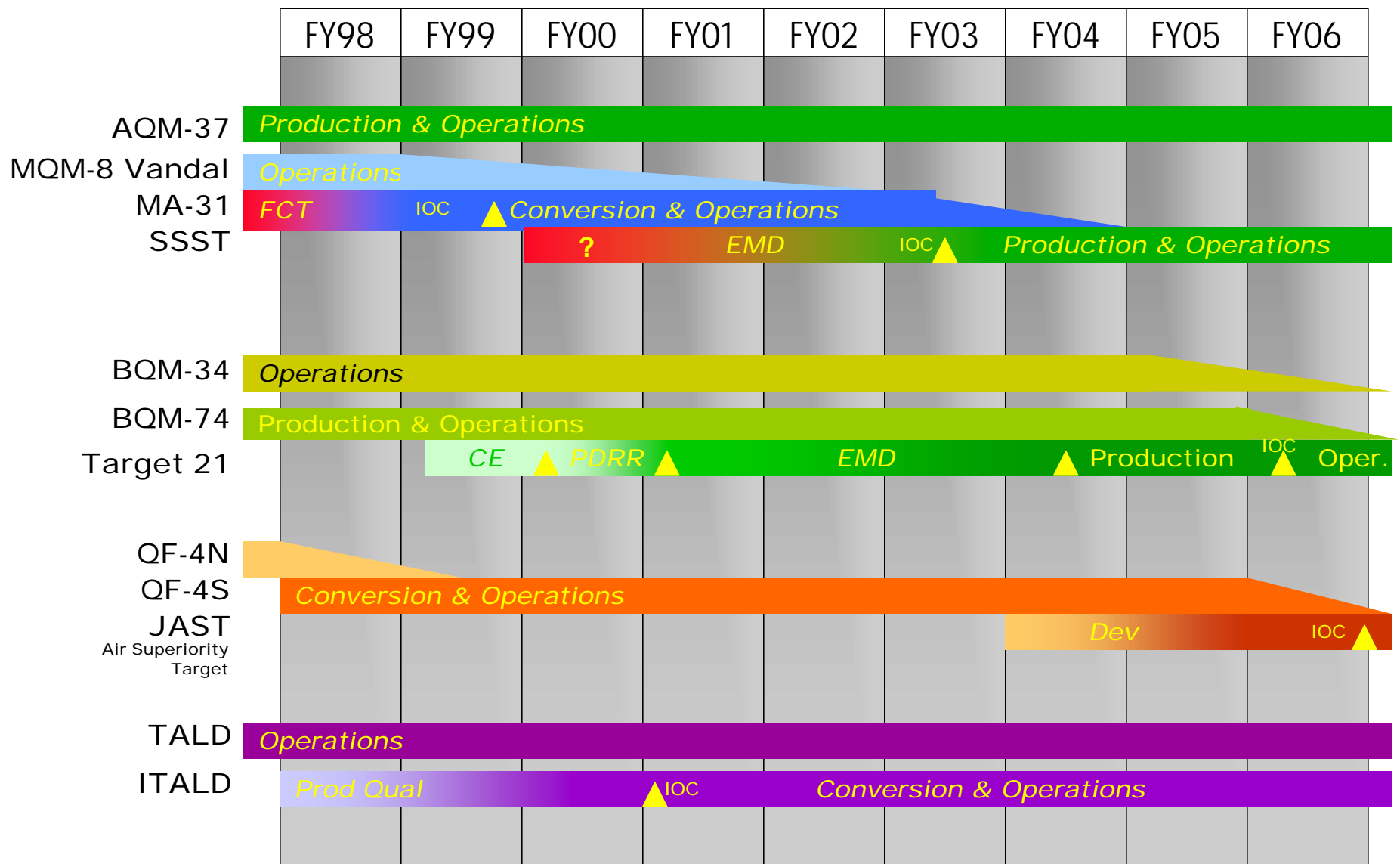
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- **FY-99:**
  - ~~– **SUPERSONIC SEA SKIMMING TARGET  
(DEVELOPMENT & PRODUCTION)**~~
    - » No Award Decision
    - » Potential FY00 Start
- **FY-00:**
  - **MA-31 TARGET (PRODUCTION)**
  - **BQM FOLLOW-ON (NDI PRODUCTION)**
  - **T21 ANTI-SHIP CRUISE MISSILE TARGET (DEVELOPMENT)**

**WEB SITE: [WWW.NAVAIR.NAVY.MIL](http://WWW.NAVAIR.NAVY.MIL)**



# AERIAL TARGETS ROADMAP







# NAVY AERIAL TARGET TA/AS ROADMAP

	TA/AS PROGRAMS	FY97	FY98	FY99	FY00	FY01	FY02	FY03	FY04
COMMAND/CONTROL TRANSPONDERS	AN / DKW-3B								
	AN / DKW-4								
	UHF								
	OTHTC								
ACTIVE EMITTER	AN / UPT-2								
	AN / DPT-2A / B								
ECM	AN / ULQ-21 SYSTEM								
	EXPENDABLE DECOYS								
SCORING	SCALAR								
	AN / USQ-104								
	VECTOR								
	ARMS (FOR FULL SCALE TGT)								
	VDOPS (FOR SUBSCALE/FULL SCALE TGT)								

 DEVELOPMENT  
 PRODUCTION  
 IN SERVICE

- **CONSTRAINED RESOURCES**
  - **STRONG DOWNWARD BUDGET PRESSURES**
  - **COMPETING AGENDAS**
- **NAVY NEW STARTS**
  - **MUST MEET DT/OT HI FIDELITY REQUIREMENTS**
  - **SATISFY NAVY TRAINING COST CONSTRAINTS**
- **INDUSTRY'S INNOVATIVE IDEAS NEEDED FOR INCREASED TARGET FIDELITY, OPERATIONS & AFFORDABILITY**



# AERIAL TARGET AND DECOY SYSTEMS PROGRAM OFFICE PMA-208

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